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# MOHAVE COUNTY MINER

## AND OUR MINERAL WEALTH

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### OATMAN TO HAVE INTERESTING 4TH OF JULY PROGRAM

Oatman's plans for her big Fourth of July Celebration are going forward without a hitch. The merchants, mine operators, miners and local orders are all working shoulder to shoulder to make this the biggest and best celebration ever staged in this section of the desert.

The morning will be given over to foot races, women's nail driving contest, climbing greased pole, potato race, fat men's race, etc.

In the afternoon there will be a fire drill contest. The local fire chief has issued the following defi:

"The Oatman Merchants' Fire company challenges the whole wide world, including miners, muckers, trammers, pen-pushers and others, for the July 4th prize fire drill." This challenge has been accepted by the muckers; the teams are drilling daily and great interest has been created throughout the camp. The chief personally assures us that his team will make the hundred yard run on that date in something less than nothing flat.

The Oatman Moose Lodge tug-of-war team issues a challenge to any and all comers to pull them for the prize. They have an exceptionally strong team under the captaincy of Jas. W. Carroll, who would be glad to hear from any team wishing to enter the contest. Full particulars will be given on application.

The desert is credited with having produced many freaks in natural history; but it remains for Oatman to startle the world with the discovery of the desert mermaids. Ten of these wonderful and alluring creatures, identical in every respect with her sisters of the sea, other than that her habitat is the sands of the desert, will charm all beholders with their street parade.

The sports committee is arranging an unusually attractive fight card, expect to match Walter Cook of Needles and Prescott with Spike Matthews of Jerome. Both are classy youngsters well known throughout this section, are sure to put up a good scrap and attract a big crowd. In addition to the main event, there will be two preliminary fights and a battle royal. The celebration will close with a big dance at the Desert Inn Hall with a special orchestra of jazz artists.

The orators of the day will be John M. Hines, Jr., county attorney and V. P. Lucas.

Oatman citizens are all enthusiastically behind the movement and are determined to have it go down as the biggest day in the history of her celebrations.

### EMINENT GEOLOGIST PLEASED WITH THE KATHERINE DISTRICT

C. H. Poirer, a member of a large New York engineering firm and himself one of the best known geologists of the country, was a Kingman visitor this week, going out to make an examination of the Thumb-Butte mines for the Johns-Mansville interests. E. G. Thomas, an engineer of Los Angeles, who will have charge of the Thumb Butte properties, accompanied Mr. Poirer on the trip. The gentlemen, after looking over the Union Pass property visited the Katherine, Gold Chain and other big mines of the district and were both surprised and pleased with the wonderful showing in all of these properties. Mr. Poirer is quoted as saying that the Gold Chain and Katherine are wonderful. He was also much taken with the Thumb Butte and it is probable that he will advise his clients to carry on a large amount of work in the way of development.

It is refreshing to hear men who have world wide experience in mining enthuse over the Union Pass properties and express themselves favorably with the entire district. The Union Pass country has some of the most important veins and dikes in the county and that many of them will make good from a production standpoint is the opinion of men who have reached the height of engineering and geological knowledge of Mr. Poirer is worth considerable to the district. Of course, the opinion of the local engineers and geologists is biased by his environment.

### SOUTHSIDE RESIDENTS DISCUSS SCHOOL PLANS

Last Wednesday night a mass meeting of south side citizens was held at the courthouse in Kingman to discuss a plan for securing a school building for the lower grades on the south side of the track.

About 40 southside property owners attended and after a discussion of the subject, a committee was appointed to investigate a possible site, cost of same and possible plans for the building. This committee, consisting of Wayne Hubbs, O. D. M. Gaddis and Jack Maddux will report at a meeting to be held at the courthouse this coming Wednesday.

The committee requests all southside residents to be present this coming Wednesday, all taxpayers whether they have any children or not.

After a plan is adopted it is understood that the southside residents will request the school board of district number 4 to call an election.

### TOM REED OUTPUT LAST MONTH GOOD

From reliable sources it is learned that the output of the Tom Reed for the month of May was the largest in recent years, reaching close to \$90,000. This showing was made on the new ore coming from the recently opened ore bodies in the Aztec mine. Further development of this ore body and the carrying of the Red Cloud shaft to a further depth on the big ore body encountered at the 750 ought to give the company sufficient ore to predate big dividend payments for several years. As one who knows put it, the ore now in sight in the mines is of such quality that the company can now pay dividends of 6% per month.

That the Tom Reed is a wonderful property, there is not the least doubt and it is to be hoped that the local management be given a free hand to develop the mine and put it on a proper basis. Men with no mining knowledge have no right to direct a big mining company, especially as to the manner of development.

### WALLAPAI TO HOLD POW-WOW MONDAY

Monday next the Wallapai Indians are to have their big Pow-wow or "Cry" in memory of the deaths of two of the tribe in the late war. These boys have a place in the memory of the white residents of this county as well as in the hearts of the Red men and will mourn with these lowly tribesmen on that day.

Kingman Post of the American Legion has been named for one of the men who made the supreme sacrifice. Sam Swasegame, to show that whether be he red, white or yellow Americans honor the men who died that our country and the whole world might be free of the thralldom of the European tyrants.

The Indians are now congregating in Kingman for the big event and are to be aided by the whites to make it a success.

### FINISH ASSESSMENT WORK IN THE GOLD BASIN

J. L. Watkins of Laramie and R. H. Patterson of Cheyenne, Wyo., are in Kingman on their way home after having completed the annual labor on their group of gold claims in Gold Basin. Mr. Watkins reports that they have a splendid showing of ore in their properties, recent work showing still better values and larger ore bodies. Associated with the gentlemen in the development of the properties is F. A. Roedel, of Cheyenne. Mr. Roedel expects to visit the mines this fall and after his visit a development campaign will be mapped out.

Gold Basin has long been noted as a gold producer district and many important veins of ore have been opened.

### MARRIED

Friends of Harry Miller did not find out until this week that he was married at Needles the 9th of this month. Mrs. Vondraeck, of Needles. Mr. and Mrs. Miller are making their home in Kingman.

### WILDCATS SWITCH DATES-WILL PLAY HERE THIS SUNDAY

Kingman fans will be pleased to learn that the team will play at home again this coming Sunday instead of going to Needles as originally planned. The Colorado river has broken off the reservation and flooded the baseball diamond at Needles and inasmuch as the team is short on bathing suits, the Needles boys are coming up here. The last game with Needles was a good game, ending with a 7 to 5 score and a good game is expected tomorrow. Needles will pitch their Hawaiian southpaw it is understood.

Kingman will have about the same peppy line-up as last Sunday with the exception of the battery, which Manager Dudley and Captain "Hook" Smith will decide upon Sunday morning.

The home boys did themselves proud in individuality and team work Sunday when they defeated the Ash Fork Ball team, (which has defeated Williams two games, Prescott two games and Winslow one game) to the tune of 15 to 2.

McGowan pitched a wonderful game, fielding his position well and using the "Bean" at all times. He had 17 strike outs to his credit and let them down with only 7 hits. "Abe" Bale is due for a lot of credit for the support he gave McGowan, for he caught a good heady game.

Baldes, Norville and Robinson completed a big league double play in the 4th inning, and all of them hit out the old apple as per usual. Baldes rapping out a nice hommer, with one man on, in the 8th. George picked up strong in his hitting and wrapped out a three bagger.

O'Connor and Webb were back in the game, (having recuperated from the injuries received last Sunday when they collided while in pursuit of a fly ball, both being knocked out and O'Connor receiving a large gash over the eye), and did some classy fielding and batting. McMillan and Clark played their usual good game.

George batted for McMillan in the last of the 3rd and went to center in the first of the 4th. Harris and McKesson batted for Webb and Clark in the 8th, Harris going to left field, McKesson to right and Smith to 1st base in the 9th.

The Ash Fork boys played a scattering game and used two batteries. The first pitcher going out in the 2nd inning. They were a good clean bunch of sports but put up a good fight until the last, but McGowan and his support was too much for them.

The Kingman team has greatly improved under the Captancy of "Hook" Smith, and a couple of new men in the line-up, and the optimist would say that there will be no excuse for losing a game this year.

All of the old fans and many new ones are in the stands this year, and as long as the crowds turn out to support the boys the way they have so far this year, they will have a bunch of boys in the hot sun working like (Continued on Page Six)

### THE KATHERINE EXTENSION FORMATION IS CHANGING

The shaft of the Katherine Extension has reached a depth of 170 feet and is being carried downward at a wonderful rate. The bottom of this shaft is in porphyry vein filling, streaked with quartz and carrying fair values in gold. It is the intention to carry the shaft to a level with the 200 level of the Katherine.

The fact that the formation has changed with the last few rounds is evidence that the Katherine vein extends to the Katherine Extension ground, and this company will probably not have to crosscut very far after reaching the 200, to hit the vein proper.

### SURVEYING FOUR METALS GROUND

L. H. Foster, the well known civil engineer and mineral surveyor, has been making preliminary surveys for the Four Metals Mining company, the property being situate on the east side of the Wallapai mountains. The company is doing some work there Mr. Garrison being in charge.

### UNITED EASTERN HAS PRODUCED MUCH, IS FAR FROM DEPLETED

We have read with some surprise comments on the April report of the United Eastern Mining company from Eastern papers, the impression being given that the mine was fast being depleted of its reserves. This impression is wrong. The Eastern has reported only the reserves that show in the old property, no notice being taken of the big ore bodies in the Big Jim, upon which the company is just now carrying on a development campaign. This mine is said to have more than \$2,000,000 in sight, and the development of the vein at a deeper level will have the effect of bringing in double that amount. During the months of January, February, March, April and May the mine produced \$848,172.38 in gold bullion, giving an operating income of \$484,492.03, or an average income for the five months of \$12,162 per ton. During that period the operating costs were \$335,394.64. While the April income per ton was less than any other month in the history of the company it is not at all discreditable, as many of the larger operating gold companies of the country show much lower ore values, as for instance, the Carson Hill Gold, which last year earned net only \$265,541 from 111,662 tons of ore, the average gross value being but \$10.03 per ton, while the net for the first five months of the Eastern was nearly double that of the Carson Hill property, which is taken to be one of the large gold mines of the United States. The ore reserves of the Eastern above the 1340 (new level) may be depleted to some extent, but the impression that has been given out by the various "interests" are wrong when they imagine that there is no further ore possibilities in the mine below the present developed ore bodies. The same impression prevailed with the Tom Reed interests, but the development of the big ore body in that property on the 700 level has twisted the views of the pessimist. The people interested in the Eastern are optimistic as to the future of that property, the belief being that further development will bring in greater ore bodies. And with the Big Jim to draw from the mine is assured of many years of profitable operation. Its shares, on an amortization basis, are worth far more than the present prevailing price, as soon as the work now in hand on the Big Jim is completed the reserves of the property will be doubled. And the development on the north end of the Eastern estate must also be taken into consideration, that part of the property having a potential value that must not be minimized.

The United Eastern has paid more than three millions of dollars since it was brought in three years ago, which is doing mighty well, thank you; and it has an estate that will be making the public sit up and take notice for years to come, notwithstanding the cracks that brokers and others may take at the big corporation.

### RECENT ASSAYS FROM THE UNITED AMERICAN

Two assays taken this week from the west drift of the 820 in the United American gave \$27.69 and \$167.42 in gold. Three samples taken from the east raise on the 670 of the American gave the following values: \$6.82, \$10.30 and \$11.57. The vein is five feet wide.

The American is continuing work at both points, drifting on the veins.

### BOARD OF EQUALIZATION IN SESSION LAST WEEK

The board of supervisors has been in session last week as a board of equalization. Not many kicks were heard. The roll this year, we believe, will be larger than last year, although the totaling of the list will not be made until all readjustments have been considered. Mohave county will be the one and only county in the state, we believe, to show a gain in assessed valuation, and the same is true regarding business, the business men of the county doing more business today than at any time in the history of this section.

### KNIGHTS OF PYTHIAS HONOR DEAD BROTHERS

The Memorial Day services of the Knights of Pythias were held last Sunday morning at the St. Johns Methodist Episcopal Church, the left side of the church being reserved for the Knights. The program was an impressive one, Rev. Dodd's address on Charity, Benevolence and Friendship and what they mean to the order being especially appreciated.

The musical numbers by the choir and by Mrs. Emery were all appreciated and a male quartette with Messrs. Field, Carter, Baumgartner and Marshall gave a special number.

The choir was made up of the following: Mary White, Mrs. Maude Emery, Clara Bonelli, Mrs. C. A. Patterson, Gus Rofinot, C. D. Field, E. B. Baumgartner, Ross Marshall and Ted Carter.

The Knights are indebted to the non-members who helped in the services.

### COLORADO RIVER ON THE RAMPAGE

The Colorado river has gone on the rampage, and while there is not the amount of water flowing through it that passed the station at Topock last year the height of the crest is about the same, owing, it is understood, to the raising of the river bed. The latest reports from Cottonwood valley, northwest of Kingman, was to the effect that the river was two feet over the banks and still rising.

At the intake below Yuma the water stage is giving the farmers on both sides of the international line great concern, as the levees are being taken out in spots by the back water, and the crest of the flood has not yet reached Yuma. The reports from Denver have allayed the fears of all the ranchers along the river, but these reports were not timely, as water has been coming in from all directions above the Virgin to add to the big flow from melting snows. It is possible that when the crest reaches Yuma on the 27th great damage will be sustained to all the levees and that there will be damage to Imperial and the Mexican side of the line.

### HOUSEHOLDER-RAINES WEDDING LAST WEEK

Miss Katherine Raines and E. Ross Housholder were married in Los Angeles last Sunday night.

Both the bride and the groom are well known here and both have a host of friends. Miss Raines taught in the Kingman Public Schools in 1919 at which time she met Mr. Housholder. Since then the bride has been living in the Imperial Valley, while Mr. Housholder has been carrying on his engineering business here.

The bride is the daughter of Mr. and Mrs. A. R. Raines of Meridian, Mississippi and a granddaughter of the late Colonel Raines, an aristocrat of the old south. Since graduating from the Mississippi State University, Miss Raines has been teaching school.

The groom is a native of Ohio, a son of Robert A. Housholder, of Bowling Green. He is a graduate of the Missouri School of Mines and the past few years has been located in Kingman. During the war Housholder had a lieutenants commission in the engineers.

William Raines, a brother of the bride, acted as best man and a friend of the bride, Pear Banta acted as bridesmaid.

The young couple will make their home in Kingman.

### MAKING EXAMINATION OF THE WHITE HILLS TAILINGS

Malcolm McLeish accompanied Senator Kent E. Keller to White Hills a few days ago and has been making tests on the big tailings pits at the mill. These tailings have good silver values in them and it is believed that a large savings may be made by the use of cyanidation. Mr. McLeish has handled many tailings pits during the past twenty years, and has made a big success.

As soon as the tests have been completed Mr. McLeish expects to put in a plant to handle the tailings.

### THIS COUNTY HAS REMARKABLE GOLD AND SILVER AREAS

By William P. De Wolfe

"The mineralized area of Mohave county is comparable to a silver bow, with a golden string", said a mining man from Nevada who is here on affairs connected with his calling. "For", he continued, in explanation of the parallel, "the silver-bearing section curves like an archer's bow from the Wallapai mountains to the Cerbat range, while from tip to tip, like a bow-cord, stretches the gold-bearing section of the Union-Secret Pass district."

Within the periphery thus outlined by the visitor are some of the most valuable gold and silver mines in the Southwest. A number of these mines date back in history to the days of the Arizona Argonauts and have produced millions of dollars worth of precious-metal wealth. Others are of later origin and have just entered upon their productive era. Yet others are but now demonstrating their ore-yielding possibilities. Most of them, however, old-time and prospective bonanza alike, are making good through the agency of modern mining and milling methods.

No factors are more intimately correlated with mining success here than the formulas which have been worked out for the reduction of the refractory silver-bearing ores of the mines of the Wallapai and the Cerbat sections. The output of these mines was in past years both large and rich. It was then no uncommon occurrence for the ores to carry a silver content of several thousand ounces a ton, nor for shipments to be made to smelting points as far distant as Swansea, Wales. With increasing depth, however, the ores became more generally refractory and their values fell off. These conditions, together with the at that time long ore-haul to shipping points and the primitive ore-reduction methods employed, ultimately forced the operators to close their properties. Contributing causes were the demonetizing of silver and later the repeal of the silver purchasing act by the United States government.

With the passing of the years the railroad and the highroad came to bring the ores of the Arizona desert into quick touch with smelting points, processes were devised that are suited their reduction needs, and the price of home-mined silver was stabilized by our government at one dollar an ounce. Thus favored by the gods of transportation, invention and chance, the silver mines of Mohave (Continued on Page 12)

### BILL FOR POSTPONE- MENT OF ASSESSMENT WORK BEFORE HOUSE

Last Tuesday the senate passed the Bursum bill, which has for its object the suspension of assessment work on lode mining claims for the year 1921 and 1922, and the establishment of the fiscal instead of the calendar year in which to do all annual work. The senate passed the bill without a record vote.

In an interview with members of the lower house from California it was learned that the measure will pass that body without opposition, as it is considered that some relief should be given to the miners for the year '22, as well as benefiting those who are too poor to complete their 1920 work. One member, who had polled the house membership, stated that there was no active hostility to the measure, although some of the members believed that something should be done to keep working interests in new mines alive.

The general impression has been that no legislation could be gotten through congress at this time for the relief of the mine owners, but Senator Bursum of New Mexico came to the front with demands that some form of relief be granted, and his bill went through the upper house in record time. It is expected that the measure will come before the house next week Wednesday and that it will become a law within the week.